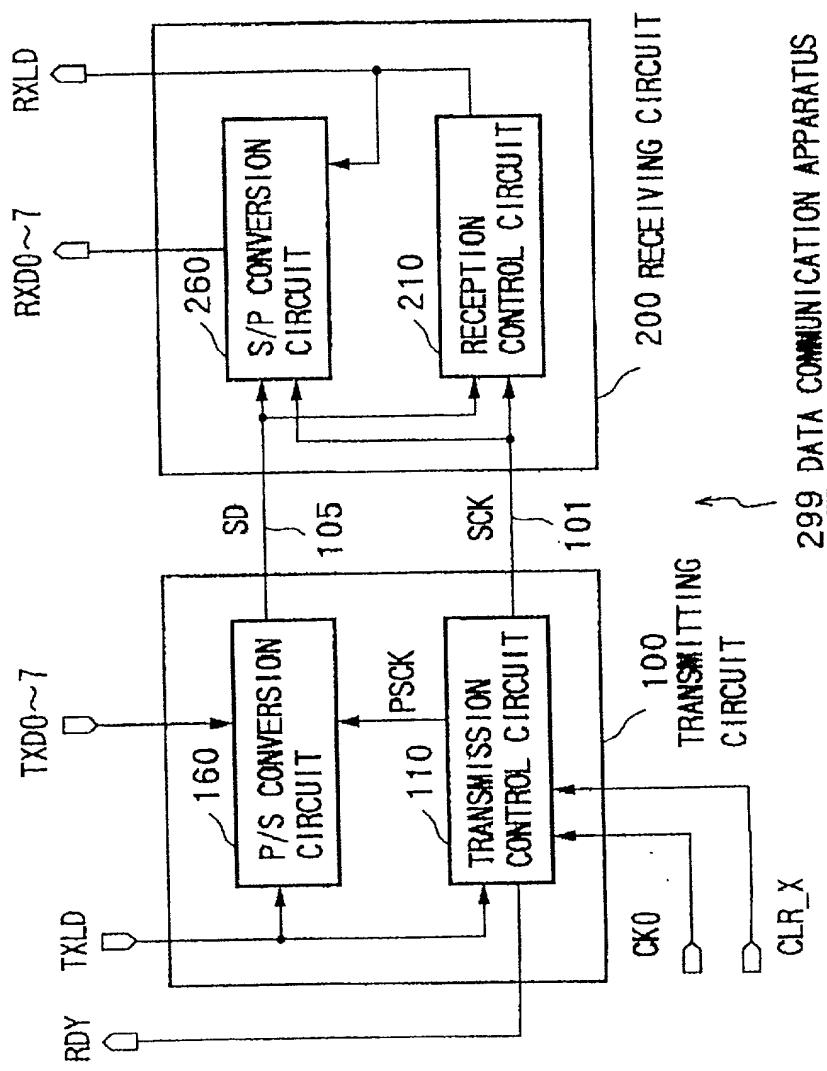


FIG.1



299 DATA COMMUNICATION APPARATUS

FIG.2

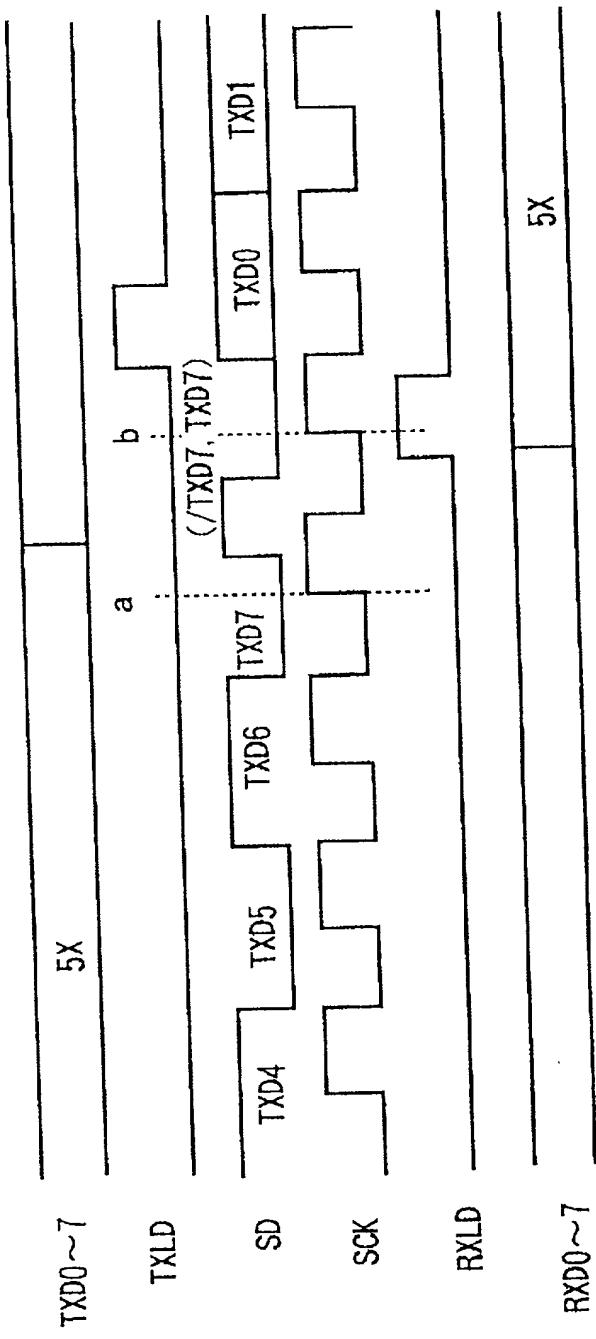


FIG.3

110 TRANSMISSION CONTROL CIRCUIT

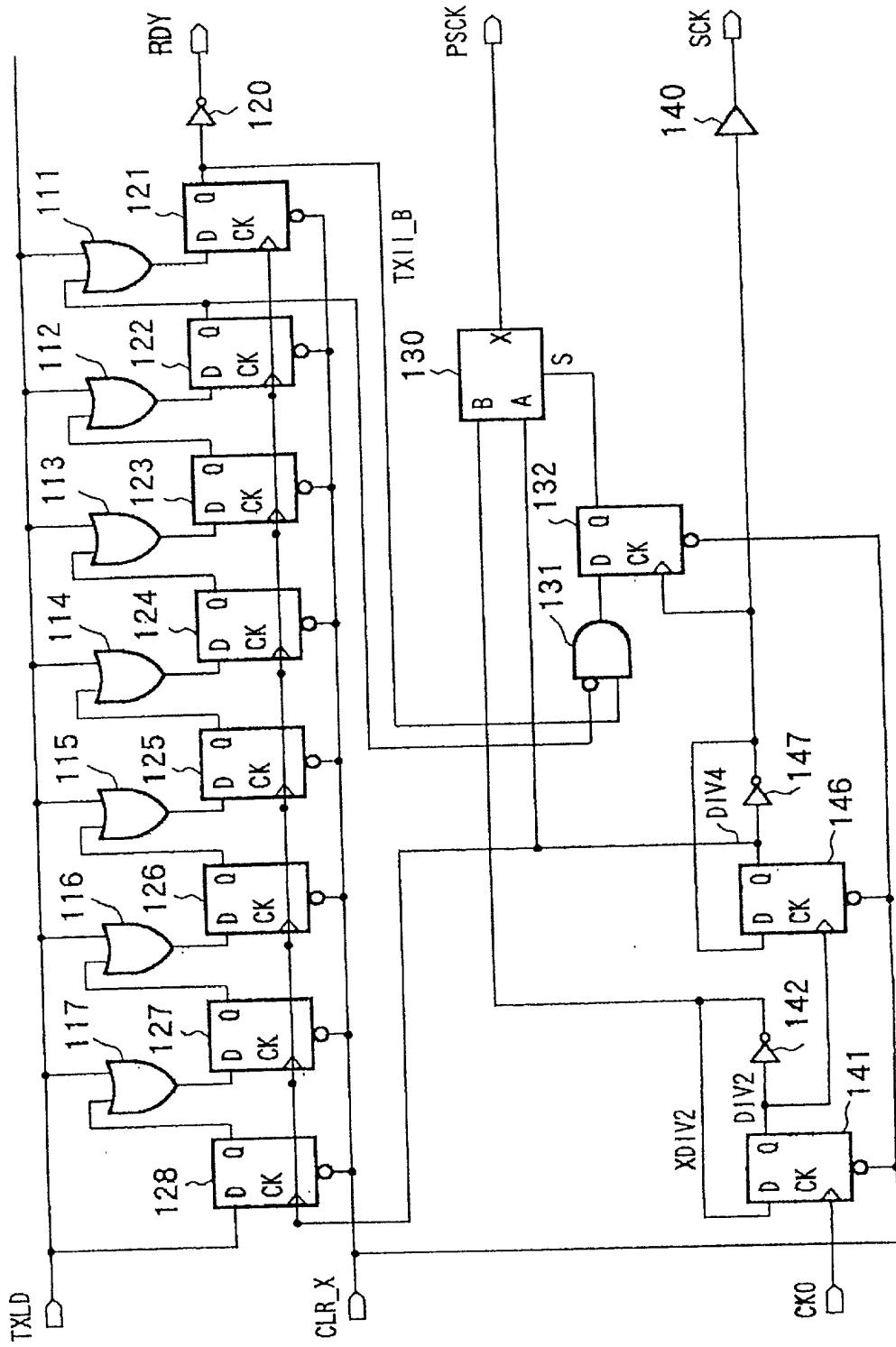
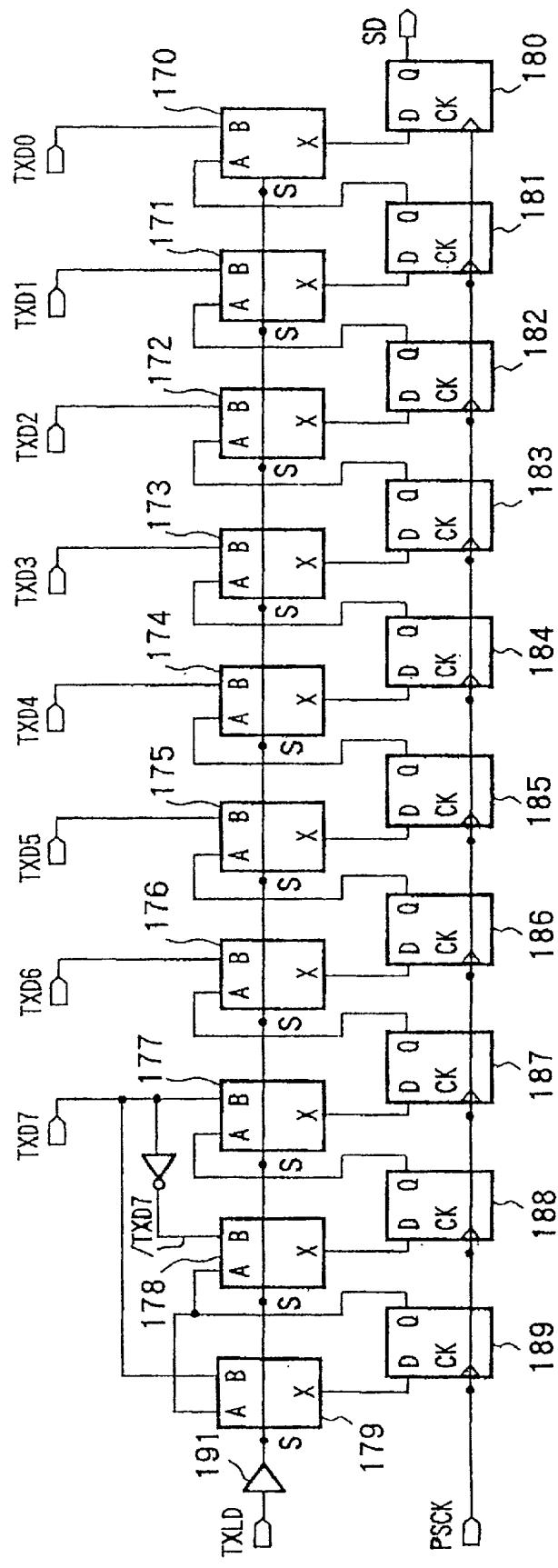


FIG. 4

## 160 P/S CONVERSION CIRCUIT



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## 210 RECEPTION CONTROL CIRCUIT

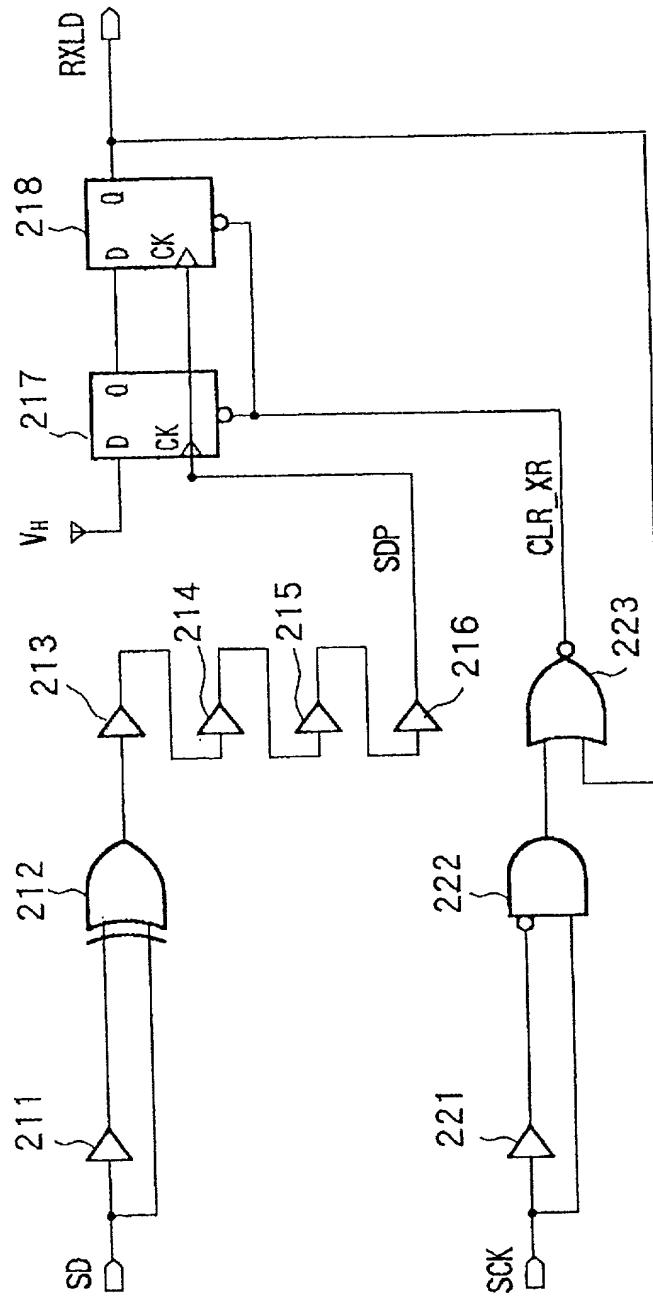
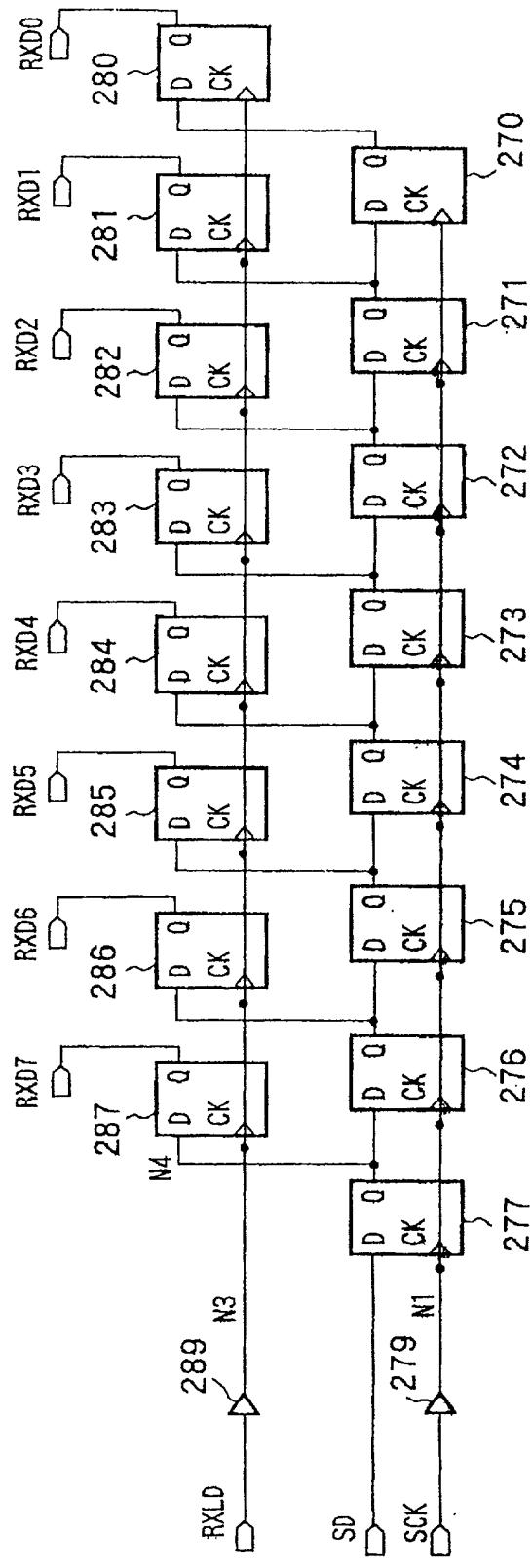


FIG.6

260 S/P CONVERSION CIRCUIT



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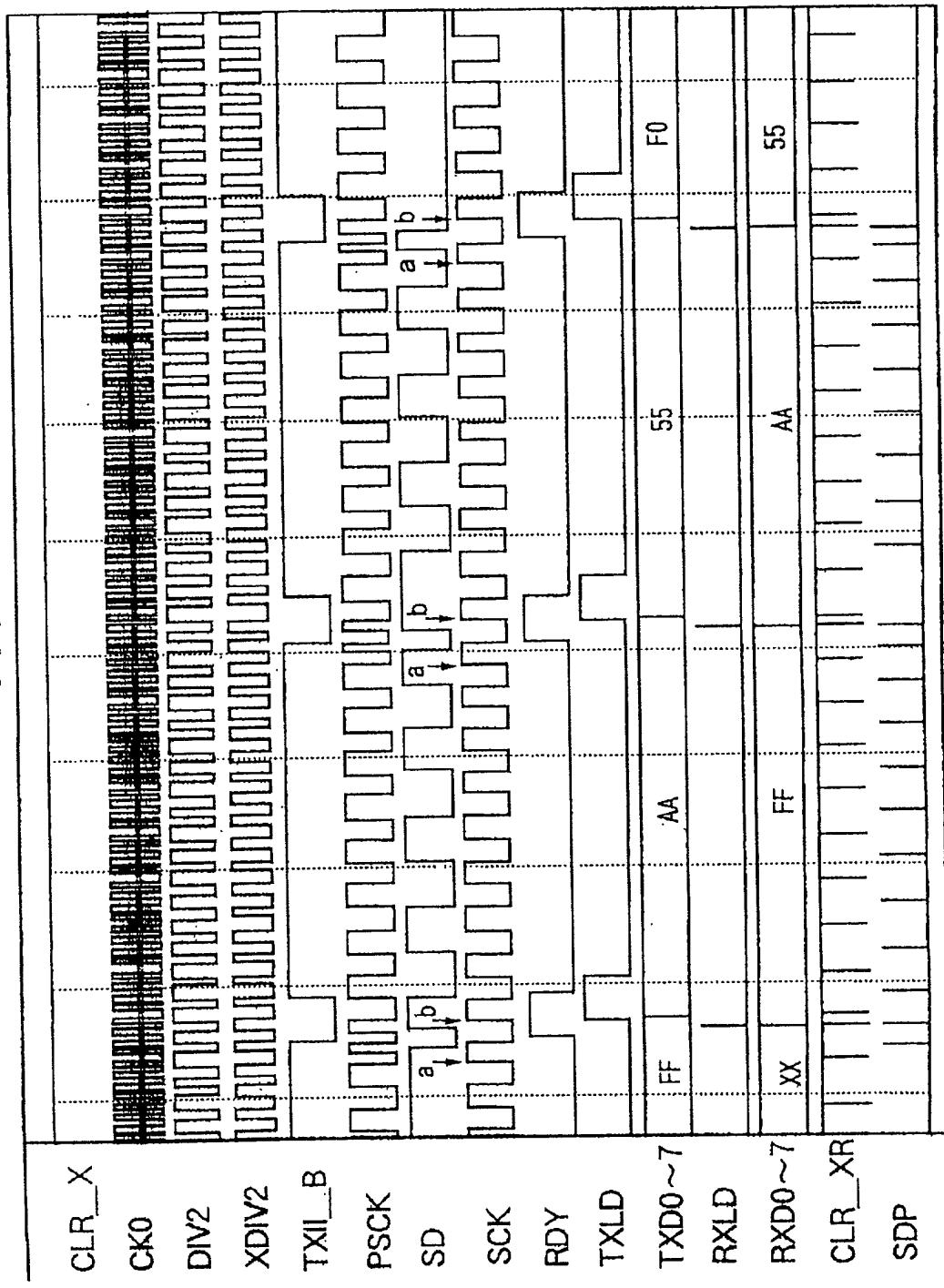
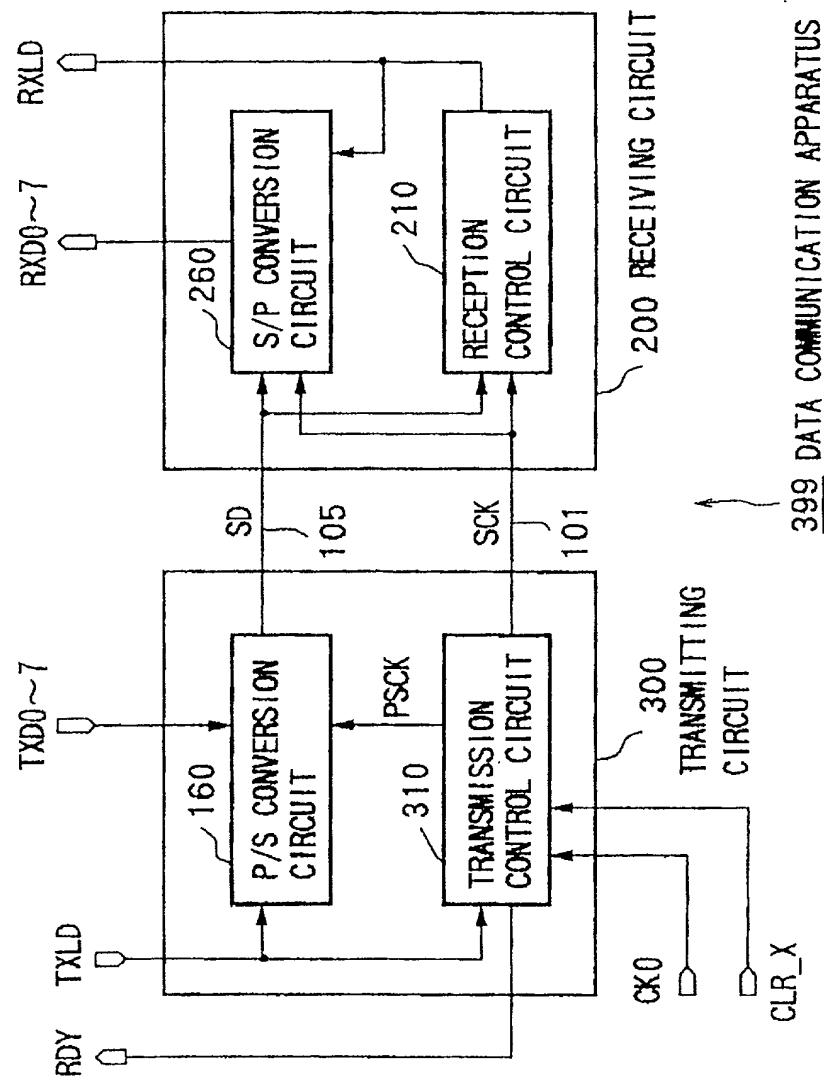


FIG.8



399 DATA COMMUNICATION APPARATUS

FIG.9

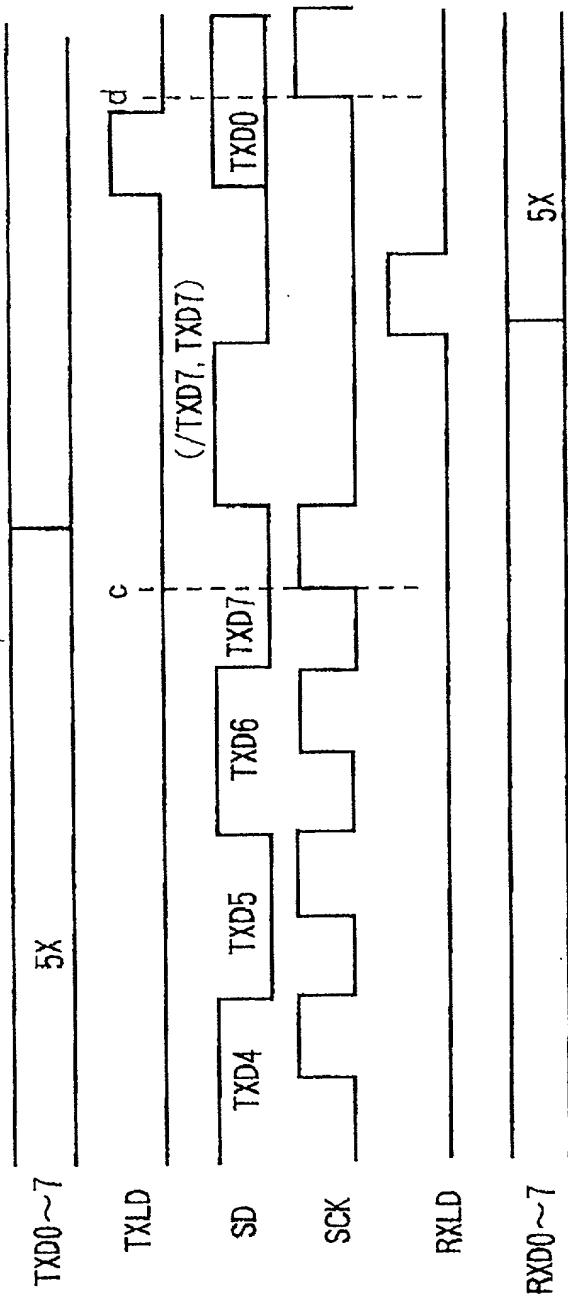


FIG.10

310 TRANSMISSION CONTROL CIRCUIT

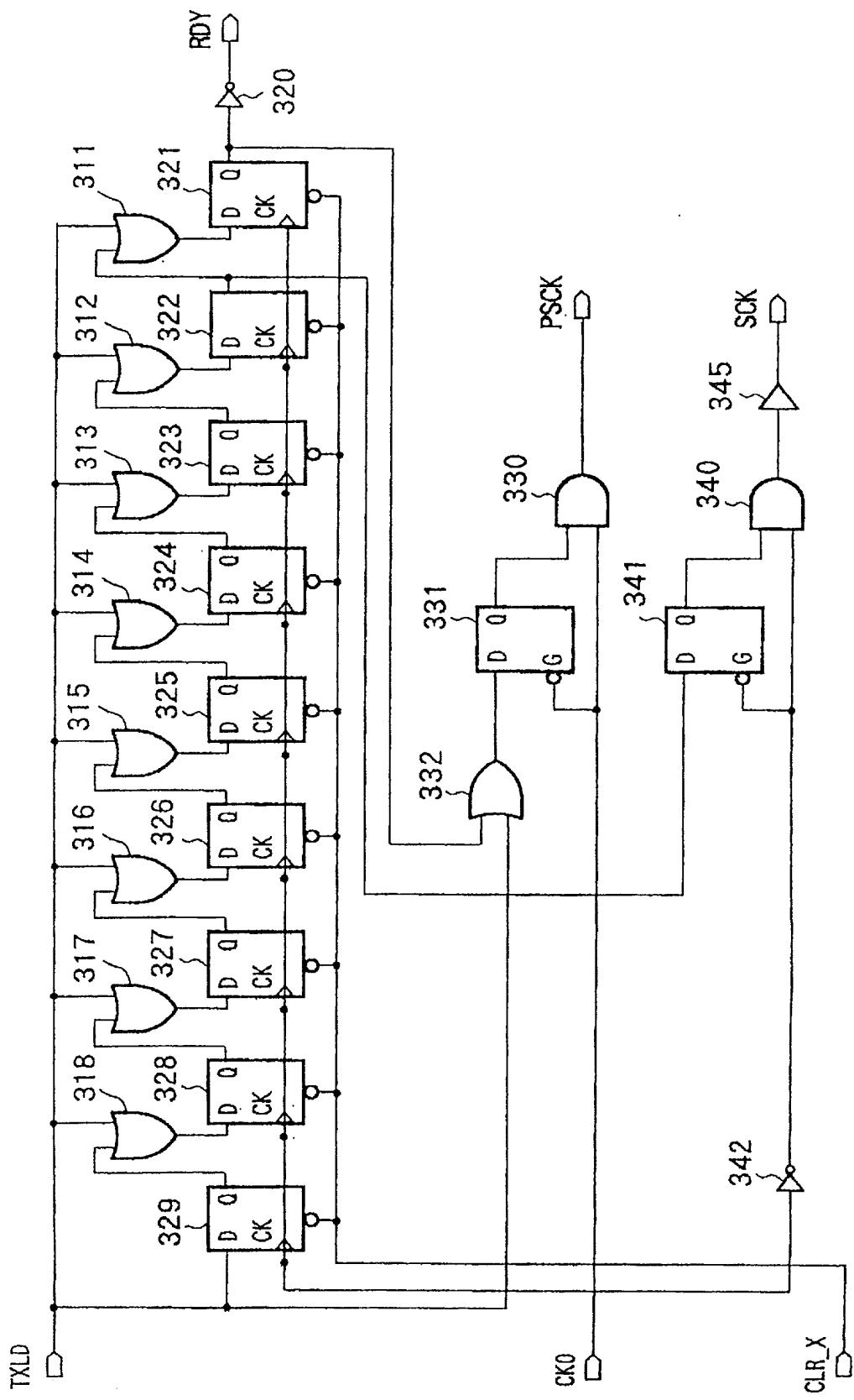


FIG.11

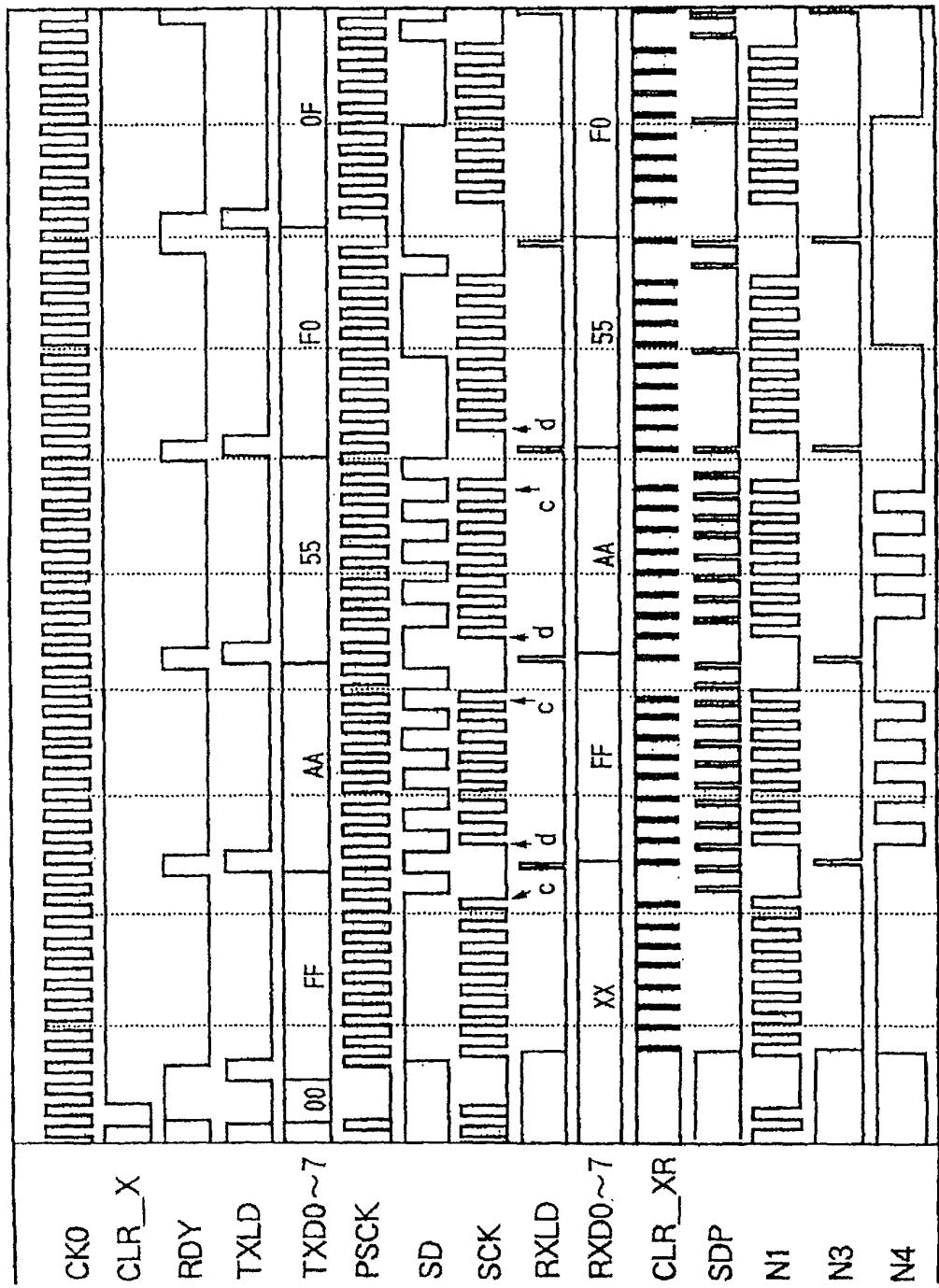
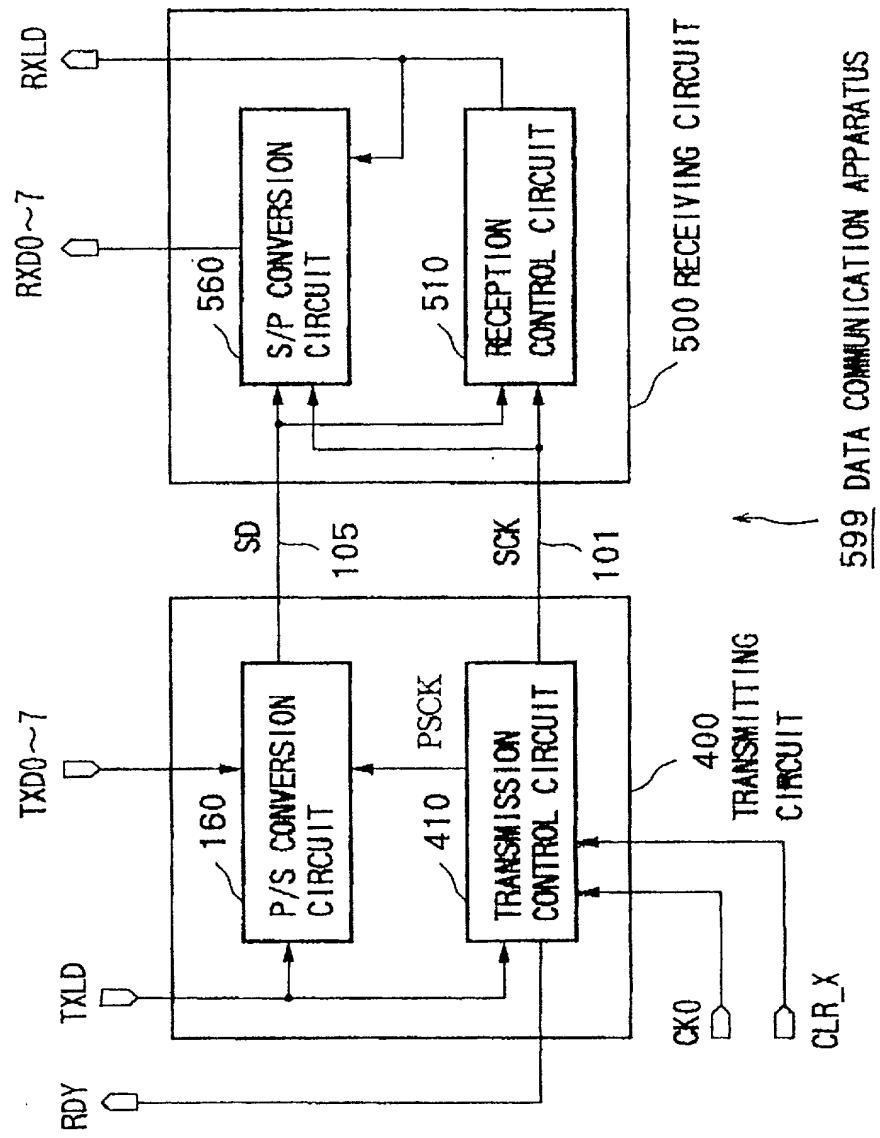


FIG.12



599 DATA COMMUNICATION APPARATUS

FIG. 13

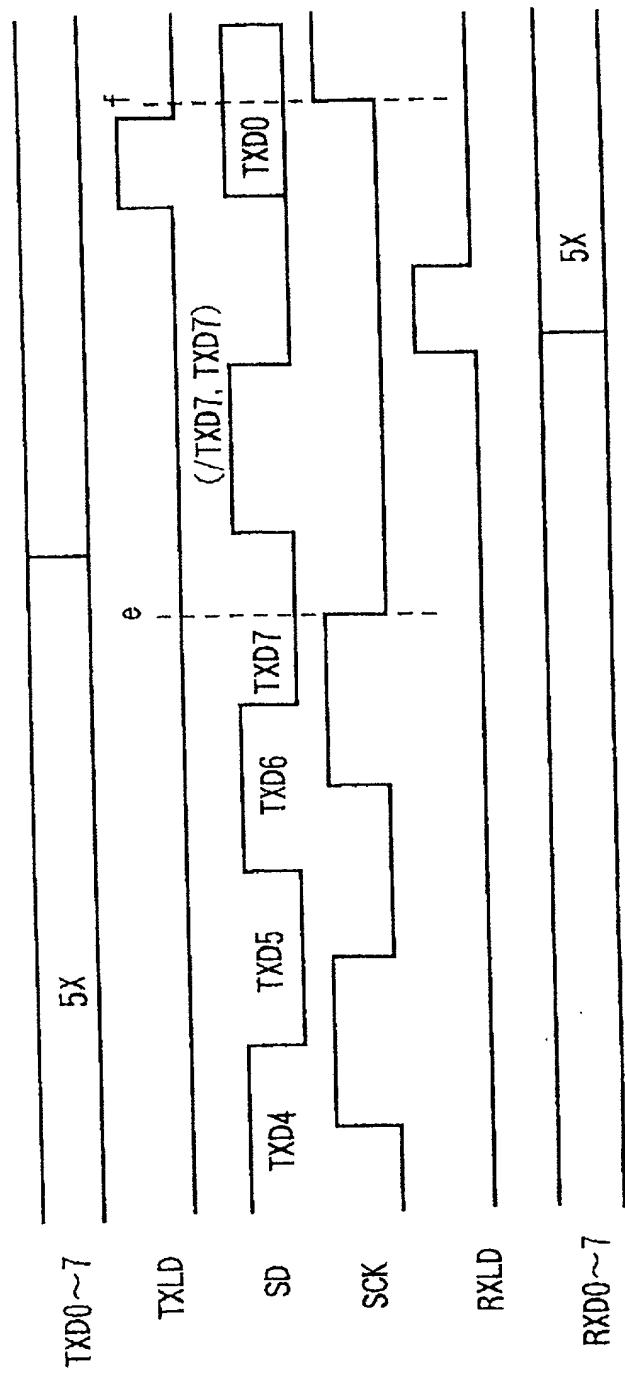


FIG. 14

## 410 TRANSMISSION CONTROL CIRCUIT

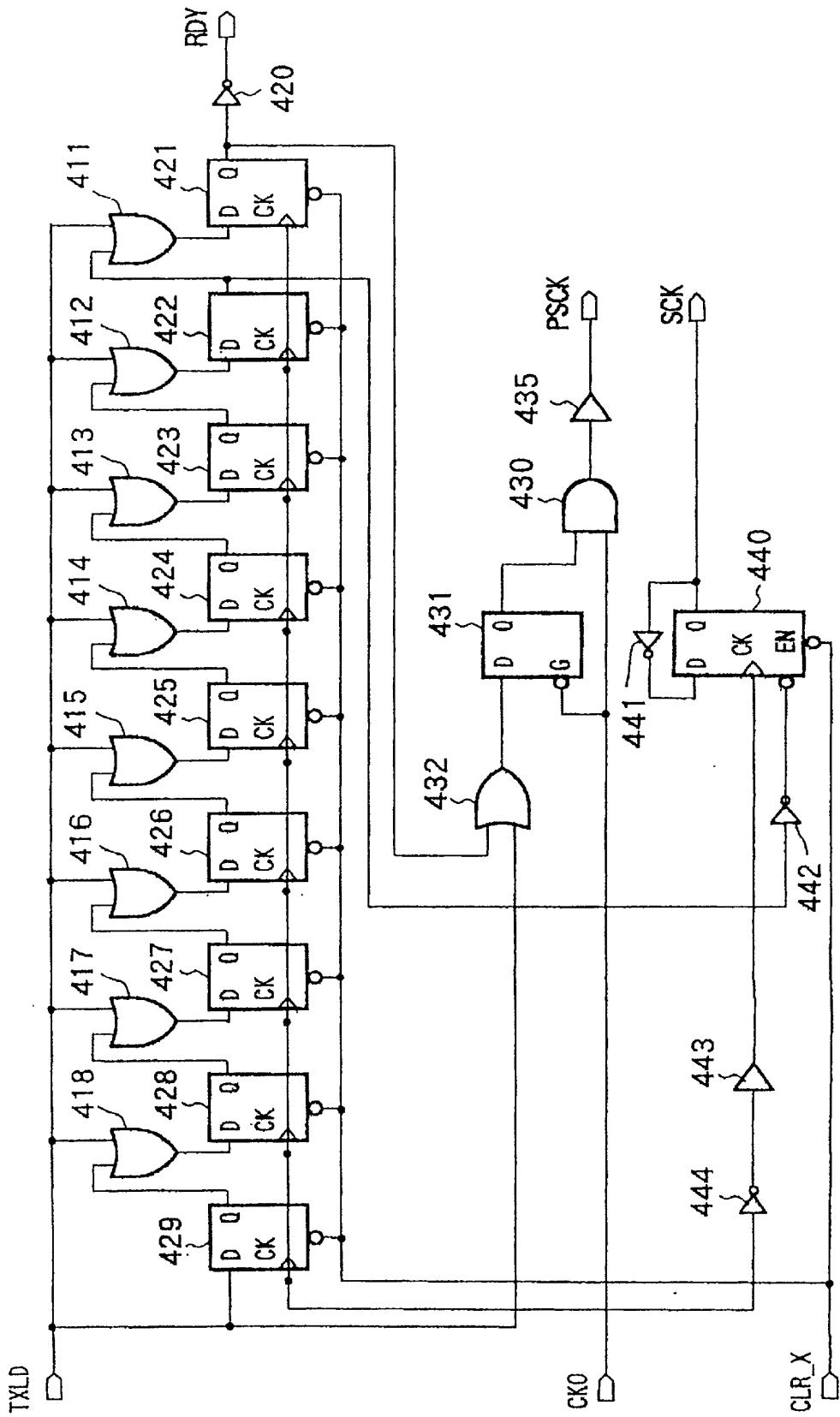


FIG. 15

510 RECEPTION CONTROL CIRCUIT

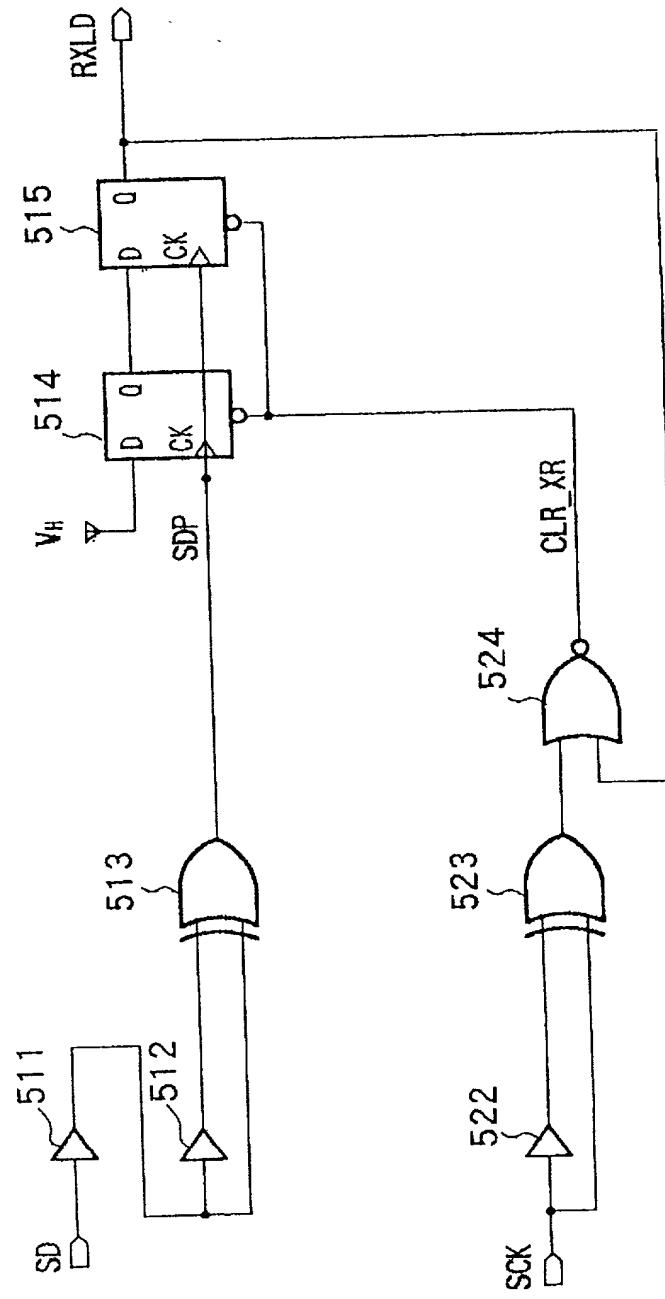


FIG. 16

560 S/P CONVERSION CIRCUIT

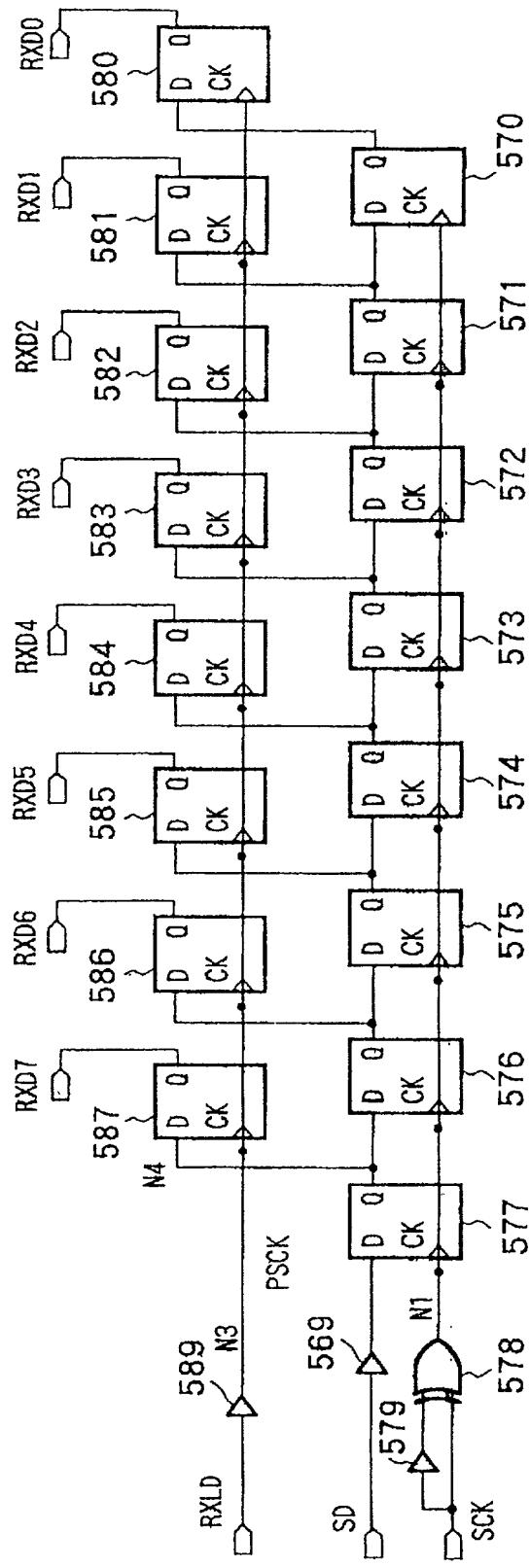


FIG. 17

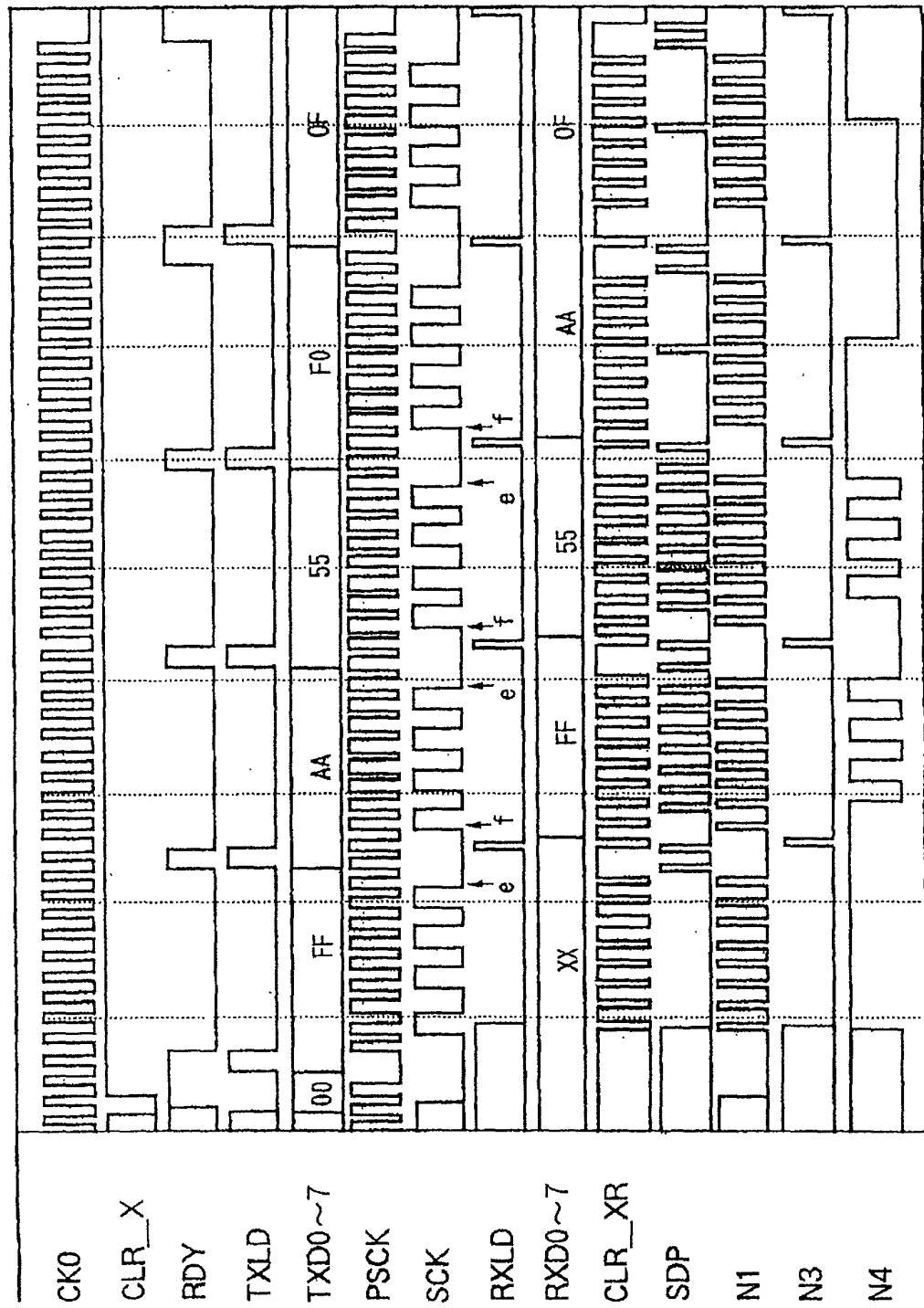
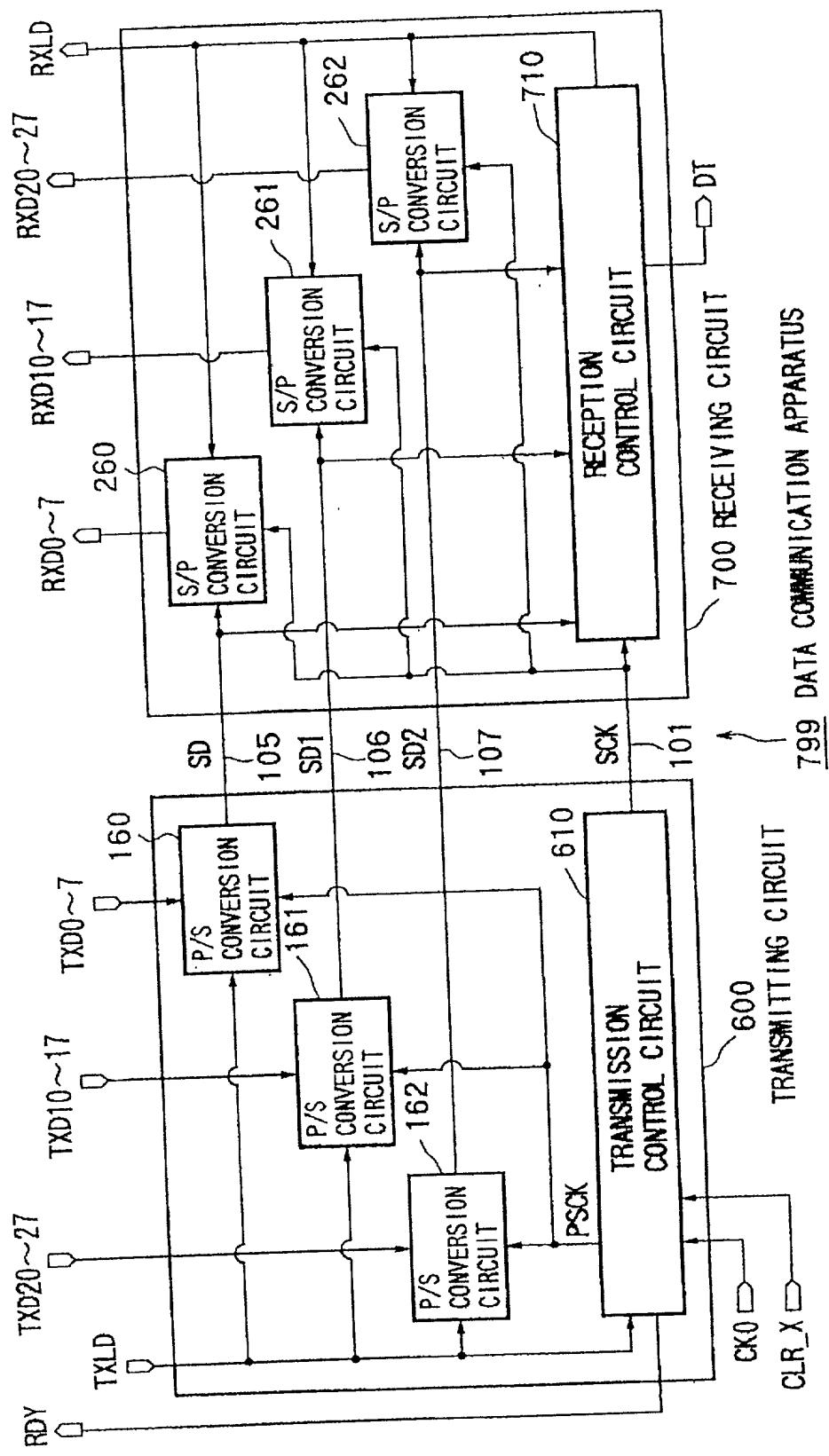


FIG.18



799 DATA COMMUNICATION APPARATUS